

<b>INFORMATION DISCLOSURE STATEMENT TRANSMITTAL</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><b>Application Number</b></td> <td style="padding: 2px;"><b>10/563483</b></td> </tr> <tr> <td style="padding: 2px;"><b>Filing Date</b></td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"><b>First Named Inventor</b></td> <td style="padding: 2px;">PONOMAREV YOURI</td> </tr> <tr> <td style="padding: 2px;"><b>Group Art Unit</b></td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"><b>Examiner Name</b></td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"><b>Atty. Docket Number</b></td> <td style="padding: 2px;">NL03 0833 US1</td> </tr> </table>	<b>Application Number</b>	<b>10/563483</b>	<b>Filing Date</b>		<b>First Named Inventor</b>	PONOMAREV YOURI	<b>Group Art Unit</b>		<b>Examiner Name</b>		<b>Atty. Docket Number</b>	NL03 0833 US1
<b>Application Number</b>	<b>10/563483</b>												
<b>Filing Date</b>													
<b>First Named Inventor</b>	PONOMAREV YOURI												
<b>Group Art Unit</b>													
<b>Examiner Name</b>													
<b>Atty. Docket Number</b>	NL03 0833 US1												

To Commissioner For Patents  
Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

☒ Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

1. ☐ I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.

2. ☐ I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.

☐ A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.

☐ A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. \_\_\_\_\_ Filing Date \_\_\_\_\_ relied on for an earlier effective filing date under 35 U.S.C. 120).

☒ A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.

☐ A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

☐ cited in the specification or considered in drafting the specification of this application;

☐ previously submitted or cited in the parent application (or in a related patent application Serial No. \_\_\_\_\_ Filing Date: \_\_\_\_\_);

☐ cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

---

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

<b>Name</b>	Peter Zawilski, Reg. No. 43,305		
<b>Signature</b>		<b>Date:</b>	03-JAN-2006

---

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 and is addressed to "Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313," on the date indicated below.

(Date) 1/3/06 (Signature)   
(Name) Vilimaina Naga

<b>INFORMATION DISCLOSURE STATEMENT TRANSMITTAL</b>  To Commissioner For Patents Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.	<b>Application Number</b>	<b>10/563483</b>
	<b>Filing Date</b>	
	<b>First Named Inventor</b>	PONOMAREV YOURI
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Atty. Docket Number</b>	NL03 0833 US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number No.-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 4 665 412	05/12/1987	OHKAWA TIHIRO	
	2	US- 4 695 857	09/22/1987	BABA TOSHIO	
	3	US- 5 055 887	10/08/1991	YAMAZAKI SHUNPEI	
	4	US- 4 908 678	03/13/1990	YAMAZAKI SHUNPEI	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number (ctry <sup>3</sup> -no. <sup>4</sup> -kind <sup>5</sup> , if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

NON-PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>6</sup>
	1	KOJI Y ET AL: "THE FORMATION OF RESONANCE TUNNEL DIVICE BY GAMMA-AL203/SI . . ."; EXTENDED ABSTRACTS OF THE INTERNATIONAL CONFERENCE ON SOLID STATE DEVICES AND MATERIALS; JAPAN SOCIETY OF APPLIED PHYSICS; TOKYO JA; Vol. 2001; 26-September 2001; pages 588-589				
	2	LU Z H ET AL: "CRYSTALLINE Si/SiO 2 QUANTUM WELLS"; APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS; NEW YORK, US; Vol. 80, No. 2; 14 January 2002; pages 255-257				
	3	MEREU B ET AL: "FOWLER-NORDHEIM TUNNELING IN EPITAXIAL YTTRIUM OXIDE ON SILICON FOR HIGH-K GATE APPLICATIONS"; 2002 INTERNATIONAL SEMICONDUCTOR CONFERENCE; CAS 2002 PROCEEDINGS; IEEE PISCATAWAY; NJ USA; Vol. 2 8 Oct. 2002; pages 309-312				
	4	J. ALIEU ET AL: "MULTIPLE SiGe QUANTUM WELLS – NOVEL CHANNEL ARCHITECTURE FOR 0.2 CMOS"; PROCEEDINGS OF THE 29 <sup>TH</sup> EUROPEAN SOLID-STATE DEVICE RESEARCH CONFERENCE; LEUVEN, BELGIUM; 13-15 SEP. 1999; P. 292-295				

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--